ES Warmups Week 30

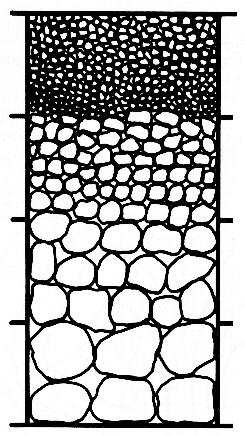


1. Is B on a hill or a volcano?

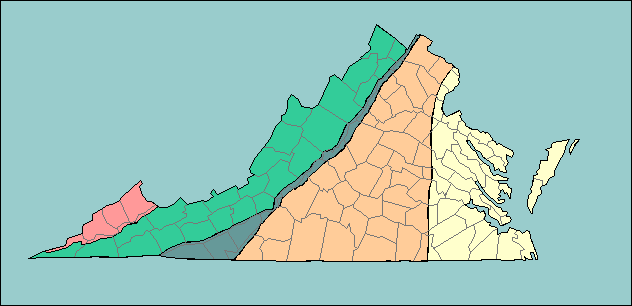
**B**

**A**

1. How do you know?
2. In which direction is stream A flowing?
3. How do you know?



1. Correctly label each of the layers as:
   * Sand
   * Silt
   * Gravel
   * Clay
2. Which particle size has the smallest pore space?
3. Are these sediments sorted or unsorted?
4. What agent of erosion could have deposited these sediments?



**A**

**B**

**C**

**D**

**E**

Match each province with the correct letter on the map.

1. Valley and Ridge

2. Piedmont

3. Appalachian Plateau

4. Blue Ridge

5. Coastal Plain

Listed below are the 5 statements. Choose the term listed in parentheses that will correctly complete the sentence.

|  |  |
| --- | --- |
| 1. | An example of a renewable energy source is (**uranium, biomass**). |
| 2. | Organic matter in soil is made of (**broken down pieces of rock, decayed plants and animals**). |
| 3. | Agents of (**mechanical, chemical**) weathering include ice wedging and plant roots. |
| 4. | The most common nonrenewable energy source in Virginia is (**coal, nuclear power**). |
| 5. | (**Metamorphic, Sedimentary**) rocks have the most fossils. |

Listed below are the 5 statements. Choose the term listed in parentheses that will correctly complete the sentence.

|  |  |
| --- | --- |
| 1. | Imaginary lines that are used to measure distance north or south of the equator are (**latitude, longitude**) lines. |
| 2. | The latitude of Lynchburg is approximately (**79°W, 37°N**). |
| 3. | (**Water, Wind**) is the most important agent of chemical weathering. |
| 4. | Rocks that form when molten rock cools and hardens are (**metamorphic, igneous**). |
| 5. | (**Intrusive, Extrusive**) igneous rocks have the smallest crystals. |